DATA ANALYTICS POWERED BY TABLEAU

PROJECT TITLE

VISUALIZATION TOOL FOR ELECTRIC VEHICLE CHARGE AND RANGE ANALYSIS

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PROJECT REPORT

1. INTRODUCTION

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VISUALISATION TOOL FOR ELECTRIC VEHICLE CHARGE AND RANGE ANALYSIS

1. INTRODUCTION

1.1 PROJECT DESCRIPTION

A vehicle that can be powered by an electric motor that draws electricity from a battery and is capable of being charged from an external source and have an electric motor instead of an internal combustion engine.

The Electric vehicle (EV) is not new, but it has been receiving significantly more attention in recent years. Advances in both EV analytics and battery technologies have led to increased automotive market share. However, this

growth is not attributed to hardware alone .The modern mechatronic vehicle marries electrical storage and propulsion system with electronic sensors, controls, and actuators, integrated closely with software, secure data transfer, and data analysis, to form a comprehensive transportation solution. Advances in all these areas have contributed to the overall rise of EV's, but the common thread that runs through all these elements is data analytics.

The new EV's are combined electrical storage and propulsion systems with electronic sensors, controls, and actuators, integrated closely with software, secure data transfer to form a comprehensive transportation solution.

1.2 PURPOSE

Electric Vehicles use electricity to charge their batteries instead of using fossil fuels like petrol or diesel. These are more efficient, and that combined with the electricity cost means that charging an electric vehicle is cheaper than filling petrol or diesel for your travel requirements. Its goal is to reduce vehicular emissions and air pollution levels within the country. Research has shown that electric cars are better for the environment. They emit fewer greenhouse gases and air pollutants than petrol or diesel cars. And this takes into account their production and electricity generation to keep them running. In over a year, just one electric car on the roads can save an average 1.5 million grams of CO2. Registration fees and road taxes on purchasing electric vehicles are lesser than petrol or diesel vehicles.

2. PROBLEM DEFINITION & DESIGN THINKING

Battery cost is going to be a pressing issue for the EV buyers, because the battery issue requires at least 5 years to surface this will going to be impacted in long run. Poor infrastructure includes lack of charging stations. EV climate control can reduce range. It can take long time to recharge and temperature sensitive batteries. These are biggest issues of EV market.

2.1 EMPATHY MAP

2.2 IDEATION & BRAINSTORMING MAP

3. RESULT

DASHBOARD

STORY

ELECTRIC CAR ANALYTICS
NDMC has maximum DC-001 charging type a..
In New Delhi there are Maximum Numb..
This Treemap demonstrates the Different EV Car..
Tesla has the maximum topspeed of 410..
Audi E-Tron GT Car has the maximum price ..
Mercedes has Maximum Efficiency of 273..
This map represents the brands accordin..
Tata company has the maximum number of mode..
This Pie Chart represents the Number of Mod..
This sheet represents the Summary Car..
Region
Type
AC-001
CCS/ChADEMO/ Ty..
DC-001
Count of Aux Addres
0
10
20
30
40
50
60
70
ANERT
CMRL
Maha Metro
NDMC
NKDA
Noida Authority
NRANVP
SDMC

ELECTRIC CAR ANALYTICS
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Region
ANERT
CMRL
Maha Metro
NDMC
NKDA
Noida Authority
NRANVP
SDMC

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This sheet represents the Summary Car..
Audi E-Tron
BMW iX
Hyundai Kona Electric
MG ZS EV
Porsche Taycan
Tata Nexon EV Max
Audi E-Tron GT
BYD E6
Jaguar I-Pace
Mercedes-Benz EQC
Tata Nexon EV
Tata Tigor EV
Car
Audi E-Tron
Audi E-Tron GT
BMW iX
BYD E6
Hyundai Kona Elec..
Jaguar I-Pace
Mercedes-Benz E..
MG ZS EV
Porsche Taycan
Tata Nexon EV
Tata Nexon EV Max
Tata Tigor EV

ELECTRIC CAR ANALYTICS
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Mercedes has Maximum Efficiency of 273..
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Tata company has the maximum number of mode..
This Pie Chart represents the Number of Mod..
This sheet represents the Summary Car..
Brand
Max. TopSpeed KmH
0
100
200
300
400
Aiways
Audi
BMW
Byton
Citroen
CUPRA
DS
Fiat
Ford
Honda
Hyundai
Jaguar
Kia
Lexus
Lightyear
Lucid
Mazda
Mercedes
MG
Mini
Nissan
Opel
Peugeot
Polestar
Porsche
Renault
SEAT
Skoda
Smart
Sono
Tesla
Volkswag..
Volvo
Brand
Aiways
Audi
BMW
Byton
Citroen
CUPRA
DS
Fiat
Ford
Honda
Hyundai
Jaguar
Kia
Lexus
Lightyear
Lucid
Mazda
Mercedes

ELECTRIC CAR ANALYTICS
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Mercedes has Maximum Efficiency of 273..
This map represents the brands accordin..
Tata company has the maximum number of mode..
This Pie Chart represents the Number of Mod..
This sheet represents the Summary Card f..
This sh eet rep resent..
Brand
Max. Efficiency WhKm
250
200
150
100
50
0
Mercedes
Audi
Tesla
Byton
Nissan
Jaguar
Porsche
Ford
BMW
Volvo
Brand
Audi
BMW
Byton
Ford
Jaguar
Mercedes
Nissan
Porsche
Tesla
Volvo

ELECTRIC CAR ANALYTICS
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Mercedes has Maximum Efficiency of 273..
This map represents the brands accordin..
Tata company has the maximum number of mode..
This Pie Chart represents the Number of Mod..
This sheet represents the Summary Car..
Car
PriceRange(Lakhs)
150
100
50
0
Audi E-Tro..
Porsche Taycan
Audi E-Tron
BMW iX
Jaguar I-Pace
Mercede s-Benz ..
BYD E6
MG ZS EV
Hyundai Kona E..
Tata N exon..
Tata N exon..
Tata Tigor EV
Car
Audi E-Tron
Audi E-Tron GT
BMW iX
BYD E6
Hyundai Kona Elec..
Jaguar I-Pace
Mercedes-Benz E..
MG ZS EV
Porsche Taycan
Tata Nexon EV
Tata Nexon EV Max
Tata Tigor EV

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This map represents the brands accordin..
Tata company has the maximum number of mode..
This Pie Chart represents the Number of Mod..
This sheet represents the Summary Card f..
This sheet represents the Summary Card f..
Hatchback
Hatchback Nissan
SUV
SUV
SUV Audi
Sedan
SUV
SUV
SUV Skoda
Sedan
SUV Kia
SUV
Pickup
Body Style
SUV
Hatchback
Sedan
Liftback
Cabrio
Pickup
SPV
MPV
Station

ELECTRIC CAR ANALYTICS
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Tata company has the maximum number of mode..
This Pie Chart represents the Number of Mod..
This sheet represents the Summary Card f..
This sheet represents the Summary Card f..
Hyundai
Jaguar
Audi
BMW
Mercedes-Benz
Tata
BYD
MG
Porsche
Count of Car
1
3

ELECTRIC CAR ANALYTICS

In New Delhi there are Maximum Nu.. | This Treemap demonstrates the Different EV Car.. | Tesla has the maximum topspeed of 410.. | Audi E-Tron GT Car has the maximum price .. | Mercedes has Maximum Efficiency of 273.. | This map represents the brands accordin.. | Tata company has the maximum number of mode.. | This Pie Chart represents the Number of Mod.. | **This sheet represents the Summary Card f..** | This sheet represents the Summary Card f..

98

ELECTRIC CAR ANALYTICS

In New Delhi there are Maximum Nu.. | This Treemap demonstrates the Different EV Car.. | Tesla has the maximum topspeed of 410.. | Audi E-Tron GT Car has the maximum price .. | Mercedes has Maximum Efficiency of 273.. | This map represents the brands accordin.. | Tata company has the maximum number of mode.. | **This Pie Chart represents the Number of Mod..** | This sheet represents the Summary Card f.. | This sheet represents the Summary Card f..

Brand
- Always
- Audi
- BMW
- Byton
- Citroen
- CUPRA
- DS
- Fiat
- Ford
- Honda
- Hyundai
- Jaguar
- Kia
- Lexus
- Lightyear
- Lucid
- Mazda
- Mercedes

ELECTRIC CAR ANALYTICS

In New Delhi there are Maximum Nu.. | This Treemap demonstrates the Different EV Car.. | Tesla has the maximum topspeed of 410.. | Audi E-Tron GT Car has the maximum price .. | Mercedes has Maximum Efficiency of 273.. | This map represents the brands accordin.. | Tata company has the maximum number of mode.. | This Pie Chart represents the Number of Mod.. | This sheet represents the Summary Card f.. | **This sheet represents the Summary Card f..**

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WEB INTEGRATION

E-CarStart
Home
About
Dashboard
Overview
Story
Get Started
DASHBOARD
ELECTRIC CAR ANALYTICS DASHBOARD
DIFFERENT BRANDS OF ELECTRIC CARS
98
DIFFERENT BRANDS OF EV CARS IN INDIA
12
Body Style
SUV
Hatchback
Sedan
Liftback
Cabrio
Pickup
SPV
MPV
Station
Brand
Audi
BMW
Byton
Ford
Jaguar
Mercedes
Nissan
Porsche
Tesla
Volvo
Car
Audi E-Tron
Audi E-Tron GT
BMW iX
BYD E6
BRANDS ACCORDING TO BODYSTYLE
TOP 10 MOST EFFICIENT EV BRANDS
Brand

E-CarStart
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Overview
Story
Get Started
There are many different features of our project
->Analyse the current stats
->Get to know EV more
->Know about Charging Stations
->Top performing Brands
->Different Brand in India
->Different Brands Globally

E-CarStart
Home
About
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Get Started
OVERVIEW OF ELECTRIC VEHICLE SECTOR
The supply of fossil fuels is constantly decreasing. The situation is very alarming. It is time for the world to slowly adapt to electric vehicles.
*A lot of change needs to happen Major carmarkers like Tesla and Porsche manufacture many electric vehicles.
*The improvement of battery technology in recent years has led to the higher popularity of electric vehicles. Buying an electric vehicle can be a great choice for consumers. The drive quality,low noise levels, and convenience are really great.

E-CarStart
Home
About
Dashboard
Overview
Story
Get Started
STORY
ELECTRIC CAR ANALYTICS
NDMC has maximum DC-001 charging type and Noida Authority
In New Delhi there are Maximum Number of Charging Stations.
This Treemap demonstrates the Different EV Cars in
Tesla has the maximum topspeed of 410 KmH followed by
Audi E-Tron GT Car has the maximum price range.
Mercedes has Maximum Efficiency of 273 WhKm
This map represents the brands according to the Bodystyle.
Tata company has the maximum number of models and brands.
Car
180
160
140
120
100
80
PriceRange(Lakhs) ₹
Car
Audi E-Tron
Audi E-Tron GT
BMW iX
BYD E6
Hyundai Kona Electric
Jaguar I-Pace
Mercedes-Benz EQC
MG ZS EV
Porsche Taycan
Tata Nexon EV
Tata Nexon EV Max
Tata Tigor EV

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Overview
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Get Started
CONCLUSION
NDMC has maximum DC-001 charging type and Noida Authority has the maximum Type2 AC charging type. In New Delhi, there are maximum Number of charging stations over miles. Tesla has the maximum topspeed of followed by Porsche. Audi E-Tron GT car has the maximum price range.
CONTACT
Contact Us
Your Name
Your Email

E-CarStart
Home
About
Dashboard
Overview
Story
Get Started
CONTACT
Contact Us
Address
Sree Devi kumari Womens College, Kuzhithurai, TN 629163
Call Us
04651-260344
Email Us
sdkw.college@rediffmail.com
Open Hours
Monday - Friday
9:00AM - 05:00PM
Your Name
Your Email
Subject
Message
Send Message

4. ADVANTAGES & DISADVANTAGES

ADVANTAGES

Electric Vehicles don't have gears and are very convenient to drive. There are no complicated controls, just accelerate, brake, and steer.

Imagine being at a busy fuel station during peak hours, and you are getting late to reach your workplace. These problems are overcome by Wireless Charging systems.

Electric vehicles are more efficient, and that combined with the electricity cost is cheaper than filling petrol or diesel for your travel requirements.

DISADVANTAGES

Filling up your petrol or diesel car can take just 5 minutes. Charging your EV can take anything from 30 minutes to an hour using the latest public rapid chargers.

EVs on average have a shorter range than petrol or diesel cars. For comparison, petrol powered vehicles will average around 300 miles on a full tank, and whereas EV Vehicle ranging between 60 and 120 miles per charge.

5. APPLICATIONS

A public EV Charging station requires around 500 sq.ft of space to park 3-4 cars simultaneously.

Reduced Pollution

The transportation sector is now the largest source of carbon dioxide emissions in the U.S. The continued integration of EVs will help reduce this impact because they produce 54 percent less carbon dioxide emissions per mile than a conventional vehicle.

Cost Savings

EV batteries convert 59 to 62 percent of energy into vehicle movement while gas powered vehicles use 17 and 21 percent. EV drivers spend about $1.2 per gallon to charge, less than half the price of gasoline. The average operating cost of an EV is $485 annually compared to $1,117 for a conventional vehicle.

Eco-Friendly

Electric vehicles have the silent functioning capability as there is no engine under the hood. No engine means no noise. The electric motor functions so silently that you need to peek into your instrument panel to check if it is ON. Electric vehicles are so silent that manufacturers have to add false sounds in order to make them safe for pedestrians.

6. CONCLUSIONS

- NDMC has maximum DC-001Charging type and Noida Authority has maximum number of Type2AC Charging type.
- In New Delhi, there are Maximum Number of Charging Stations
- Tesla has the maximum top speed OF 410 KmH followed by Porsche.
- Audi E-Tron GT Car has the maximum price range.
- Mercedes has Maximum Efficiency of 273 WhKm

7. FUTURE SCOPE

Most Indian buyers believe that an electric vehicle will be ready by 2023, but the majority also believes that it would no longer be available until 2025. Consumers in India are looking for a lower price for EVs than those in other countries, with the global average tipping price for EVs being $36,000.

8. APPENDIX

```html
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="utf-8">
  <meta content="width=device-width, initial-scale=1.0" name="viewport">

  <title>E-CarStart</title>
  <meta content="" name="description">
  <meta content="" name="keywords">

  <!-- Favicons -->
  <link href="assets/img/favicon.png" rel="icon">
  <link href="assets/img/apple-touch-icon.png" rel="apple-touch-icon">

  <!-- Google Fonts -->
  <link
href="https://fonts.googleapis.com/css?family=Open+Sans:300,300i,400,400i,600,600i,700
,700i|Nunito:300,300i,400,400i,600,600i,700,700i|Poppins:300,300i,400,400i,500,500i,60
0,600i,700,700i" rel="stylesheet">

  <!-- Vendor CSS Files -->
  <link href="assets/vendor/aos/aos.css" rel="stylesheet">
  <link href="assets/vendor/bootstrap/css/bootstrap.min.css" rel="stylesheet">
  <link href="assets/vendor/bootstrap-icons/bootstrap-icons.css" rel="stylesheet">
  <link href="assets/vendor/glightbox/css/glightbox.min.css" rel="stylesheet">
  <link href="assets/vendor/remixicon/remixicon.css" rel="stylesheet">
  <link href="assets/vendor/swiper/swiper-bundle.min.css" rel="stylesheet">

  <!-- Template Main CSS File -->
  <link href="assets/css/style.css" rel="stylesheet">

  <!-- =======================================================
  * Template Name: FlexStart
  * Updated: Mar 10 2023 with Bootstrap v5.2.3
  * Template URL: https://bootstrapmade.com/flexstart-bootstrap-startup-template/
  * Author: BootstrapMade.com
  * License: https://bootstrapmade.com/license/
  ======================================================== -->
</head>

<body>

  <!-- ======= Header ======= -->
  <header id="header" class="header fixed-top">
    <div class="container-fluid container-xl d-flex align-items-center justify-
content-between">

      <a href="index.html" class="logo d-flex align-items-center">
```

```
        <img src="assets/img/logo.png" alt="">
        <span>E-CarStart</span>
      </a>

      <nav id="navbar" class="navbar">
        <ul>
          <li><a class="nav-link scrollto active" href="#hero">Home</a></li>
          <li><a class="nav-link scrollto" href="#about">About</a></li>
          <li><a class="nav-link scrollto" href="#services">Dashboard</a></li>
          <li><a class="nav-link scrollto" href="#team">Overview</a></li>
          <li><a class="nav-link scrollto" href="#portfolio">Story</a></li>

          </ul>
          </li>
                    <li><a class="getstarted scrollto" href="#about">Get
Started</a></li>
        </ul>
        <i class="bi bi-list mobile-nav-toggle"></i>
      </nav><!-- .navbar -->

    </div>
  </header><!-- End Header -->

  <!-- ======= Hero Section ======= -->
  <section id="hero" class="hero d-flex align-items-center">

    <div class="container">
      <div class="row">
        <div class="col-lg-6 d-flex flex-column justify-content-center">
          <h1 data-aos="fade-up">We offer modern Analytic solutions for Electric
Vehicles</h1>
                    <div data-aos="fade-up" data-aos-delay="600">
            <div class="text-center text-lg-start">
              <a href="#about" class="btn-get-started scrollto d-inline-flex align-
items-center justify-content-center align-self-center">
                <span>Get Started</span>
                <i class="bi bi-arrow-right"></i>
              </a>
            </div>
          </div>
        </div>
        <div class="col-lg-6 hero-img" data-aos="zoom-out" data-aos-delay="200">
          <img src="C:\Users\91807\Downloads\WhatsApp Image 2023-04-10 at 2.01.26
PM.jpeg" class="img-fluid" alt="">
        </div>
      </div>
    </div>

  </section><!-- End Hero -->

  <main id="main">
    <!-- ======= About Section ======= -->
    <section id="about" class="about">

      <div class="container" data-aos="fade-up">
```

```
        <div class="row gx-0">

          <div class="col-lg-6 d-flex flex-column justify-content-center" data-
aos="fade-up" data-aos-delay="200">
            <div class="content">
              <h3>E-CarStart</h3>
              <h2>E-Cart Start is a complete analytics tool for electric vehicles all
over the world.</h2>
              <p>
                The Electric Vehicle (EV) is not now, but it has been receiving
significantly more attention in recent years. Advances in both EV analytics and
battery technologies have led to increased automotive market share. The modern
mechatronic vehicle carries electrical storage and proplusion  systems with electronic
sensors controls, and actuators, integrated closely with software,secure data
transfer, and data analysis, to form a comphrehensive transportation solution.
Advances in all these areas have contributed to the overall rise of EV's,but the
common thread thats runs through all these elements is data analytics.
              </p>
              <div class="text-center text-lg-start">
                <a href="#" class="btn-read-more d-inline-flex align-items-center
justify-content-center align-self-center">
                  <span>Read More</span>
                  <i class="bi bi-arrow-right"></i>
                </a>
              </div>
            </div>
          </div>

          <div class="col-lg-6 d-flex align-items-center" data-aos="zoom-out" data-
aos-delay="200">
            <img src="C:\Users\91807\Downloads\WhatsApp Image 2023-04-10 at 3.12.58
PM.jpeg" class="img-fluid" alt="">
          </div>

        </div>
      </div>

    </section><!-- End About Section -->


    <!-- ======= Services Section ======= -->
    <section id="services" class="services">

      <div class="container" data-aos="fade-up">

        <header class="section-header">
          <h2>Dashboard</h2>
          <p><div class='tableauPlaceholder' id='viz1681112955037' style='position:
relative'><noscript><a href='#'><img alt='Dashboard 1 '
src='https:&#47;&#47;public.tableau.com&#47;static&#47;images&#47;El&#47;ElectricVehic
lesAnalyticsDashboard&#47;Dashboard1&#47;1_rss.png' style='border: none'
/></a></noscript><object class='tableauViz'  style='display:none;'><param
name='host_url' value='https%3A%2F%2Fpublic.tableau.com%2F' /> <param
name='embed_code_version' value='3' /> <param name='site_root' value='' /><param
name='name' value='ElectricVehiclesAnalyticsDashboard&#47;Dashboard1' /><param
```

```
name='tabs' value='no' /><param name='toolbar' value='yes' /><param
name='static_image'
value='https:&#47;&#47;public.tableau.com&#47;static&#47;images&#47;El&#47;ElectricVeh
iclesAnalyticsDashboard&#47;Dashboard1&#47;1.png' /> <param name='animate_transition'
value='yes' /><param name='display_static_image' value='yes' /><param
name='display_spinner' value='yes' /><param name='display_overlay' value='yes'
/><param name='display_count' value='yes' /><param name='language' value='en-US'
/></object></div>                <script
type='text/javascript'>                    var divElement =
document.getElementById('viz1681112955037');                    var vizElement =
divElement.getElementsByTagName('object')[0];                    if (
divElement.offsetWidth > 800 ) {
vizElement.style.minWidth='1320px';vizElement.style.maxWidth='1425px';vizElement.style
.width='100%';vizElement.style.height='2527px';} else if ( divElement.offsetWidth >
500 ) {
vizElement.style.minWidth='1320px';vizElement.style.maxWidth='1425px';vizElement.style
.width='100%';vizElement.style.height='2527px';} else {
vizElement.style.width='100%';vizElement.style.height='2377px';}                    v
ar scriptElement =
document.createElement('script');                    scriptElement.src =
'https://public.tableau.com/javascripts/api/viz_v1.js';                    vizElement.
parentNode.insertBefore(scriptElement, vizElement);                </script></p>
        </header>
      </div>

    </section><!-- End Services Section -->

    <section id="team" class="team">

      <div class="container" data-aos="fade-up">

        <header class="section-header">
           <p>There are many different features of our project

            </p></header>
              ->Analyse the current stats
          </header>
        </p></header>
          ->Get to know EV more
          </p>
        </header>
      </p></header>
      ->Know about Charging Stations
    </p>
    </header>
  ->Top performing Brands
  </p></header>
  ->Different Brand in India
</p>
</header>
->Different Brands Globally
</p></header>
<img src="C:\Users\91807\Downloads\WhatsApp Image 2023-04-10 at 3.22.18
PM.jpeg"class="img-fluid" alt="">
                      </div>
```

```
                </div>
            </div>
          </div>


          </div>

        </div>

      </div>

    </section><!-- End Team Section -->


    <!-- ======= Team Section ======= -->
    <section id="team" class="team">

      <div class="container" data-aos="fade-up">

        <header class="section-header">
          <h2>Overview of Electric Vehicle Sector</h2>
          <p>The supply of fossil fuels is constantly decreasing. The situation is
very alarming. It is time for the world to slowly adapt to electric vehicles.
            </p></header>
            *A lot of change needs to happen
            Major carmarkers like Tesla and Porsche manufacture many electric
vehicles.
          </header>
        </p></header>
            *The improvement of battery technology in recent years has led to the
higher popularity of electric vehicles.
            Buying an electric vehicle can be a great choice for consumers. The drive
quality,low noise levels, and convenience are really great.
          </p>
        </header>
        <img src="C:\Users\91807\Downloads\WhatsApp Image 2023-04-10 at 3.26.00
PM.jpeg"class="img-fluid" alt="">

                    </div>
                </div>
            </div>
          </div


          </div>

        </div>

      </div>

    </section><!-- End Team Section -->

     <!-- ======= Portfolio Section ======= -->
    <section id="portfolio" class="portfolio">
```

```
      <div class="container" data-aos="fade-up">

        <header class="section-header">
          <h2>Story</h2>
          <p><div class='tableauPlaceholder' id='viz1681115278995' style='position:
relative'><noscript><a href='#'><img alt='ELECTRIC CAR ANALYTICS '
src='https:&#47;&#47;public.tableau.com&#47;static&#47;images&#47;El&#47;ElectricVehic
lesAnalyticsStory&#47;Story1&#47;1_rss.png' style='border: none'
/></a></noscript><object class='tableauViz'  style='display:none;'><param
name='host_url' value='https%3A%2F%2Fpublic.tableau.com%2F' /> <param
name='embed_code_version' value='3' /> <param name='site_root' value='' /><param
name='name' value='ElectricVehiclesAnalyticsStory&#47;Story1' /><param name='tabs'
value='no' /><param name='toolbar' value='yes' /><param name='static_image'
value='https:&#47;&#47;public.tableau.com&#47;static&#47;images&#47;El&#47;ElectricVeh
iclesAnalyticsStory&#47;Story1&#47;1.png' /> <param name='animate_transition'
value='yes' /><param name='display_static_image' value='yes' /><param
name='display_spinner' value='yes' /><param name='display_overlay' value='yes'
/><param name='display_count' value='yes' /><param name='language' value='en-US'
/></object></div>                <script
type='text/javascript'>                    var divElement =
document.getElementById('viz1681115278995');                    var vizElement =
divElement.getElementsByTagName('object')[0];                    vizElement.style.widt
h='100%';vizElement.style.height=(divElement.offsetWidth*0.75)+'px';
  var scriptElement =
document.createElement('script');                    scriptElement.src =
'https://public.tableau.com/javascripts/api/viz_v1.js';                    vizElement.
parentNode.insertBefore(scriptElement, vizElement);                </script></p>
        </header>
            </div>
          </div>

        </div>

      </div>

    </section><!-- End Portfolio Section -->



    <!-- ======= Clients Section ======= -->
    <section id="clients" class="clients">

      <div class="container" data-aos="fade-up">

        <header class="section-header">
          <h2>Conclusion</h2>
          <p>NDMC has maximum DC-001 charging type and Noida Authority has the maximum
Type2 AC charging type.
            In New Delhi, there are maximum Number of charging stations over miles.
            Tesla has the maximum topspeed of followed by Porsche.
            Audi E-Tron GT car has the maximum price range.
          </A></p>
        </header>
```

```html
</section><!-- End Clients Section -->



<!-- ======= Contact Section ======= -->
<section id="contact" class="contact">

  <div class="container" data-aos="fade-up">

    <header class="section-header">
      <h2>Contact</h2>
      <p>Contact Us</p>
    </header>

    <div class="row gy-4">

      <div class="col-lg-6">

        <div class="row gy-4">
          <div class="col-md-6">
            <div class="info-box">
              <i class="bi bi-geo-alt"></i>
              <h3>Address</h3>
              <p>Sree Devi kumari Womens College,<br>Kuzhithurai, TN 629163</p>
            </div>
          </div>
          <div class="col-md-6">
            <div class="info-box">
              <i class="bi bi-telephone"></i>
              <h3>Call Us</h3>
              <p>04651-260344</p>
            </div>
          </div>
          <div class="col-md-6">
            <div class="info-box">
              <i class="bi bi-envelope"></i>
              <h3>Email Us</h3>
              <p>sdkw.college@rediffmail.com</p>
            </div>
          </div>
          <div class="col-md-6">
            <div class="info-box">
              <i class="bi bi-clock"></i>
              <h3>Open Hours</h3>
              <p>Monday - Friday<br>9:00AM - 05:00PM</p>
            </div>
          </div>
        </div>

      </div>

      <div class="col-lg-6">
        <form action="forms/contact.php" method="post" class="php-email-form">
          <div class="row gy-4">
```

```
                <div class="col-md-6">
                  <input type="text" name="name" class="form-control"
placeholder="Your Name" required>
                </div>

                <div class="col-md-6 ">
                  <input type="email" class="form-control" name="email"
placeholder="Your Email" required>
                </div>

                <div class="col-md-12">
                  <input type="text" class="form-control" name="subject"
placeholder="Subject" required>
                </div>

                <div class="col-md-12">
                  <textarea class="form-control" name="message" rows="6"
placeholder="Message" required></textarea>
                </div>

                <div class="col-md-12 text-center">
                  <div class="loading">Loading</div>
                  <div class="error-message"></div>
                  <div class="sent-message">Your message has been sent. Thank
you!</div>

                  <button type="submit">Send Message</button>
                </div>

              </div>
            </form>

          </div>

        </div>

      </div>

    </section><!-- End Contact Section -->

  </main><!-- End #main -->



  <a href="#" class="back-to-top d-flex align-items-center justify-content-center"><i
class="bi bi-arrow-up-short"></i></a>

  <!-- Vendor JS Files -->
  <script src="assets/vendor/purecounter/purecounter_vanilla.js"></script>
  <script src="assets/vendor/aos/aos.js"></script>
  <script src="assets/vendor/bootstrap/js/bootstrap.bundle.min.js"></script>
  <script src="assets/vendor/glightbox/js/glightbox.min.js"></script>
  <script src="assets/vendor/isotope-layout/isotope.pkgd.min.js"></script>
  <script src="assets/vendor/swiper/swiper-bundle.min.js"></script>
  <script src="assets/vendor/php-email-form/validate.js"></script>
```

```html
  <!-- Template Main JS File -->
  <script src="assets/js/main.js"></script>

</body>

</html>
```